IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of: Bradford et al |) | Examiner: Habte Mered |
|---|---|-----------------------|
| Serial No.: 10/782,617 |) | Art Unit: 2616 |
| Filed: February 19, 2004 |) | Conf. No. 5100 |
| For: ACTIVE FLOW MANAGEMENT WITH HYSTERESIS |) | Com. No. 5100 |

Docket No.: RPS920030131US1 (IRA-10-5791)

AMENDMENT / RESPONSE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action of July 9, 2007, please amend the above entitled application as shown on the attached sheets.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims begin on page 4 of this paper.

Remarks/Arguments begin on page 13 of this paper.